

**Listing of the Claims:**

The following is a complete listing of all the claims in the application, with an indication of the status of each:

1        1 (Previously Presented). A portable telephone radio set with an  
2        interference detection function to which a terminal equipment can be  
3        externally connected to effect data communication therewith, comprising:  
4                a warning section for warning radio wave interference by audio or  
5        visual signals; and  
6                a control circuit section for selecting and switching among a group  
7        of channels available for communication, said control circuit detecting  
8        interference of radio waves in a channel selected for communication and  
9        controlling said warning section;  
10               said control circuit section reporting, when said control circuit  
11        section detects a radio wave interference fault, a type of the fault to said  
12        warning section so that said warning section may give a warning of radio  
13        wave interference in a form based on at least one of visibility and  
14        audibility, but if a cause of the radio wave interference disappears as a  
15        result of establishment or switching of the channel, then said control  
16        circuit section controlling the warning section to erase the warning of radio  
17        wave interference.

1        2 (Original). A portable telephone radio set with an interference detection  
2        function as claimed in claim 1, wherein said control circuit section detects  
3        a radio wave interference fault in the course of a selection operation of a  
4        standby channel from that at least one of loss of frame synchronization,  
5        deterioration in bit error rate, unfavorable reception of broadcast  
6        information and interruption of radio waves occurs in either one of  
7        conditions of out-of-zone indication and abandonment of the pertaining  
8        channel.

1        3 (Original). A portable telephone radio set with an interference detection  
2        as claimed in claim 1, wherein said control circuit section detects a radio  
3        wave interference fault in the course of a zone switching operation which  
4        is caused by the presence of a channel having a higher reception level than  
5        that of the channel being waited from that at least one of loss of frame  
6        synchronization, deterioration in bit error rate, unfavorable reception of  
7        broadcast information and interruption of radio waves occurs in a  
8        condition of abandonment of the pertaining channel.

1        4 (Previously Presented). A portable telephone radio set with an  
2        interference detection function as claimed in claim 1, wherein said control  
3        circuit detects a radio wave interference fault during communication from  
4        that a level value detected when the level of each perch channel other than  
5        a peripheral perch channel designated from a base station is measured is  
6        higher than a predetermined threshold value.

1        5 (Previously Presented). A portable telephone radio set with an  
2        interference detection function as claimed in claim 1, wherein said control  
3        circuit section detects a radio wave interference fault during  
4        communication, when the channel is switched to a channel of a level lower  
5        than the level of the channel which has been used for communication until  
6        then, the cause of the channel switching being at least one of loss of frame  
7        synchronization, deterioration in bit error rate, and interruption of radio  
8        waves occurs.

1        6 (Previously Presented). A portable telephone radio set with an  
2        interference detection function as claimed in claim 1, wherein the  
3        predetermined form in which the radio wave interference warning is  
4        displayed includes an abandoned channel number.

1        7 (Previously Presented). A portable telephone radio set with an  
2        interference detection function as claimed in claim 1, wherein the  
3        predetermined form in which the radio wave interference warning is  
4        displayed includes a number of occurrences of retransmission per unit time  
5        measured during the communication.

1        8 (Original). A portable telephone radio set with an interference detection  
2        function as claimed in claim 1, wherein the predetermined form in which  
3        the radio wave interference warning is displayed includes a rate of  
4        occurrences of retransmission per unit data measured during the  
5        communication.